

NIPO: 220-24-025-9

Oficina Española
de Patentes y Marcas

La Oficina Española de Patentes y Marcas tiene como misión impulsar la innovación y compartir sus resultados como valores y activos de diferenciación y desarrollo tecnológico. Por ello sus dos objetivos principales son proteger la innovación tramitando distintos títulos de propiedad industrial y difundir la información técnica contenida en las patentes a través de sus servicios de Información Tecnológica, uno de ellos estos Boletines.

En esta nueva andadura del Boletín de Vigilancia Tecnológica del Sector Transformador Plástico que comenzó el primer trimestre de 2021, se ha reestructurado el contenido del Boletín, intentando reflejar la realidad en propiedad industrial de la Industria del Plástico para hacer llegar a las empresas e investigadores del sector, con periodicidad trimestral, una selección de las patentes más recientemente publicadas en el sector de transformación de los materiales plásticos. Las patentes aparecen clasificadas en los siguientes apartados: nuevos productos en los principales sectores de aplicación, invenciones que

contribuyen al desarrollo sostenible, mejoras de procesos productivos y nuevos materiales plásticos con propiedades avanzadas. No se ha incluido en este Boletín información sobre la tecnología de impresión 3D, ya que ésta aparece recogida en el boletín de Vigilancia Tecnológica Impresión 3D que la OEPM comenzó a publicar en el 2020

A través de las imágenes que representan cada sección y que aparecen en la portada del Boletín, se accede de forma directa a los contenidos de las mismas, donde encontraremos el número de publicación de cada patente, quien la solicita, una pequeña descripción de la invención y el enlace de acceso al texto completo del documento. De forma complementaria, se incluye una selección de noticias sobre propiedad industrial y actividades relevantes de la OEPM.

Si se desea recibir este Boletín periódicamente basta con cumplimentar el correspondiente formulario de suscripción

Contenido

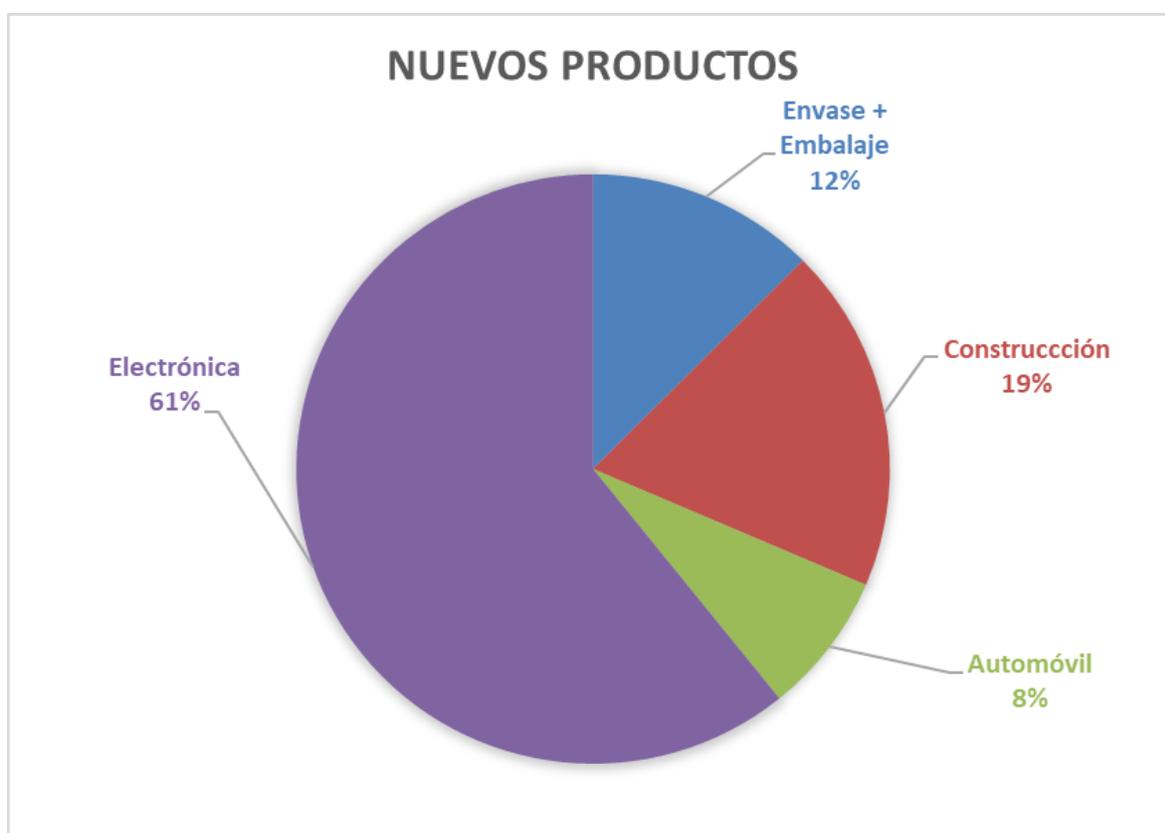


NUEVOS PRODUCTOS

SOSTENIBILIDAD Y
ECONOMÍA CIRCULARNUEVOS PROCESOS
INDUSTRIALESMATERIALES CON
PROPIEDADES AVANZADAS
O MEJORADAS

NUEVOS PRODUCTOS

En el siguiente gráfico se muestra la distribución de las 11.727 familias de documentos de patente recuperadas en este trimestre en el apartado de Nuevos Productos. Tal y como viene ocurriendo, el sector dedicado a la electrónica sigue siendo el que más documentos de patente aporta.



Las siguientes tablas muestran una selección de los documentos más representativos, junto con un enlace directo a la base de datos Espacenet, el solicitante y una breve descripción de la invención.

Envase y Embalaje

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
GB2636965	(AMIP) AMIPAK LTD [GB]	Container for used as packaging or storage for pre-prepared or processed foodstuffs, fresh or raw foodstuffs, comprises flap formation configured to engage with or adhere to adjacent wall component to form bowl- or tray-type container, where securing formation is adhered to portion of flap formation
US2025223099	(TAYL) TAYLOR PAULETTE [US]	Incense aerosol spray device for spraying incense fragrance, has incense aerosol composition housed in aerosol can, where aerosol can includes trigger, nozzle, conduit and pressure creating chamber, and incense aerosol composition includes essential oils, propellant and stabilizer
US2025229965	(CSPT) CSP TECHNOLOGIES INC [US]	Blister pack for holding a medication delivery system for treating a subject suffering from allergic reaction or asthma, and hypoglycemia, comprises a cover defining a cavity for partially receiving drug via drug delivery device, where cavity is formed by injection molding
US2025236440	(DIRE) DIRECT PACK INC [US]	Double lock container assembly for lid securement used as disposable container for packaging or housing consumer items, has first housing whose first protuberance is configured to releasably lock with second recess of second housing
WO2025163145	(CLRN) AIRNOV INC [US]; (LOGE) LOGEL VALERE [FR]	Atmosphere control device used to regulate atmosphere in packaging or medical device, has gas-permeable envelope defining chamber having particulate mixture comprising E.G. active substance in particulate form having large particles
US12384604	(BALD) BALDINI ARMANDO [US]	Secondary dispensing system for rigid container of flowable substance in different industries, has flanged aperture located along outer perimeter of base of rigid container, and headed pin inserted into flanged aperture in closed position of secondary dispensing system
CH721628	(ALPL) ALPLA WERKE ALWIN LEHNER GMBH & CO KG [AT]	Container for holding E.G. paints, has lining that covers inner surface of outer container and is removable and disposable from outer container together with remaining contents, where lining of dimensionally stable inner container is provided with second jacket and second base

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025181057	(SOFT) SOFTBOX SYSTEMS LTD [GB]	Temperature control transport container for use in cold chain shipping, has first data logger that is configured to communicate with first sensor, and between inner and outer surfaces of first panel core, where durable polymer coating extends beyond outer surface of first data logger
WO2025196056	(CLRN) AIRNOV INC [US]	Blister pack for E.G. consumable products, has lidding film and active film sealed to sealing surface around periphery of pack in sealed configuration of pack, where active film is sealed between lidding film and active film in contact region
WO2025196055	(CLRN) AIRNOV INC [US]	Container used to receive and protect sensitive products, E.G. medical goods, drugs, and pills, comprises internal chamber for receiving sensitive products, where chamber is delimited by wall comprising outer layer, and active structure

Construcción

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025144345	(UYON) ONDOKUZ MAYIS UNIV [TR]	Method for producing heat and sound insulation board in E.G. home, involves homogenizing hemp with combination of tow and fiber, adding waste sponge to mixture, and compressing and cooling plastic by pouring plastic into mold
WO2025141138	(SMFY) SOMFY ACTIVITES SA [FR]	Electromechanical actuator for screening device E.G. roller blind, has guide which comprises conduit, in which antenna cable is housed, and which holds base portion of antenna cable, such that base portion forms portion with curved trajectory from a first face of electronic card
WO2025141088	(COMP) SAINT GOBAIN [FR]	Diffusing material for glazing E.G. facade glazing, has main layer whose percentage of light scattered by diffuse transmission is greater than determined value of diffusion for light beam incident on main surface with second angle of incidence greater than cut-off angle in incidence plane
WO2025155274	(UYDO) DOKUZ EYLUL UNIV [TR]	Adjustable pneumatic barrier for use in response operations of marine pollution in ports, terminals, shelters, marinas and all similar marine facilities operating in protected sea areas in maritime sector, has compressor that is connected to air tank to provide pressure needed to create air bubbles

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
EP4596824	(ROLL) ROLLTECH AS [DK]	Spacer profile for use as part of spacer profile frame mounted in and/or along edged area of insulating glazing unit to surround intervening space between glazing panes, has multilayer diffusion barrier foil provided on outer wall outer surface of two ceramic layers
WO2025165998	(CRDL) CARDINAL CG CO [US]	Multiple-pane insulating glazing unit used in window applications, comprises two panes, spacer, two materials, spacer sealant, and aerogel sheet comprising two faces and edge forming outer perimeter of aerogel sheet
WO2025163540	(DPEL) DE PELLEGRIN ELETTRA [IT]	Panel used to soundproof environment E.G. offices, and homes, has base layer in first material i.e. of sound-absorbing type, cladding layer having inner and outer surfaces, and intermediate layer to fasten base layer to cladding layer
WO2025169135	(EVAL) EVA LAST HONG KONG LTD [CN]	Structural element for defining high strength, light weight support element and nailer strip, has complementary shaped inset made of material softer than first material, where inset is retained within channel with inset having cavity between inset and channel
CN120507915	(SUMO) DONGWOO FINE CHEM CO LTD [KR]	Smart window for use in E.G. automobile, has liquid crystal layer provided between transparent conductive layers, where ratio of thickness of each of first adhesive layer and second adhesive layer to thickness of optical laminate is in specific range
WO2025175087	(OWEN) OWENS CORNING INTELLECTUAL CAPITAL LLC [US]	Panel used in sheathing system for externally enveloping at least portion of building structure, comprises insulation layer having preset thickness, and structural layer comprising polymeric material and having preset thickness
WO2025175084	(OWEN) OWENS CORNING INTELLECTUAL CAPITAL LLC [US]	Panel used as a sheathing material for a building, comprises first structural layer comprising polymeric material, and insulation layer
WO2025172312	(FREU) FREUDENBERG CARL KG [DE]	Controlling condensation in building used for building construction, renovation or interior design, by manually attaching condensation control material comprising E.G. nonwoven layer, and reinforcement layer, to interior surface of building
WO2025176711	(ROLL) ROLLTECH AS [DK]	Cold-bendable spacer profile for use as portion of spacer profile frame mounted along edged area of insulating glazing unit to surround intervening space between glazing panes, has four wires that comprise first wire, second wire, third wire and fourth wire

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
EP4610242	(OEZE) OEZENC ABDULLAH [CH]	Building element used as prefabricated section in construction of houses or machines, comprises block of hemp lime, which is formed as mixture of hemp fibers and matrix of binder and water, and block has insert with casing which is completely enclosed by block
WO2025186350	(PURU) PURUS PLASTICS GMBH [DE]	Adapter for assembly for pasture fence posts and/or fence posts and/or boundary elements and/or field markings and/or signage and/or extending components and/or pipes and/or rods in module of plastic multi-purpose system, has base housing having two sections with lateral surface having recess
WO2025191620	(CARO) CAROBBIO S R L [IT]	Method for assembling modular prefabricated swimming pool, involves fixing internal lining of modular prefabricated swimming pool, and positioning, gluing and filling edge of prefabricated swimming pool and lining of technical compartment

Automoción

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025144629	(MICL) MICHELIN & CIE [FR]; (THOM) THOMPSON RONALD HOBART [US]	Lightweight wheel E.G. idler wheel, for track system of E.G. tractor, has main body including thermoplastic material, wheel mass, wheel diameter and wheel width and comprising truss structure that is comprised of set of polygons
DE102025101265	(EXCE) EXCELLENTIA MOEBEL HANDELSAGENTUR GMBH [DE]	Table top for use in motorhomes and caravans, has recess that comprises extension area beyond recess edge, and locking element that is attached to table base and engages in extension area for detachably holding table base on table top
DE202025001853	(KDHK) KDH GMBH [DE]	Device for mounting and demounting tires on rim of wheel of motorcycle E.G. off-road motorcycle, has support arms aligned crosswise to one another in operating position and pivoted from operating position into transport position
US2025242674	(IRVI) IRVIN WILLIAM [US]	Windscreen protector device for vehicles E.G. lorries, has body provided with flexible material, colored tint, front surface comprised of film and rear surface comprised of adhesive

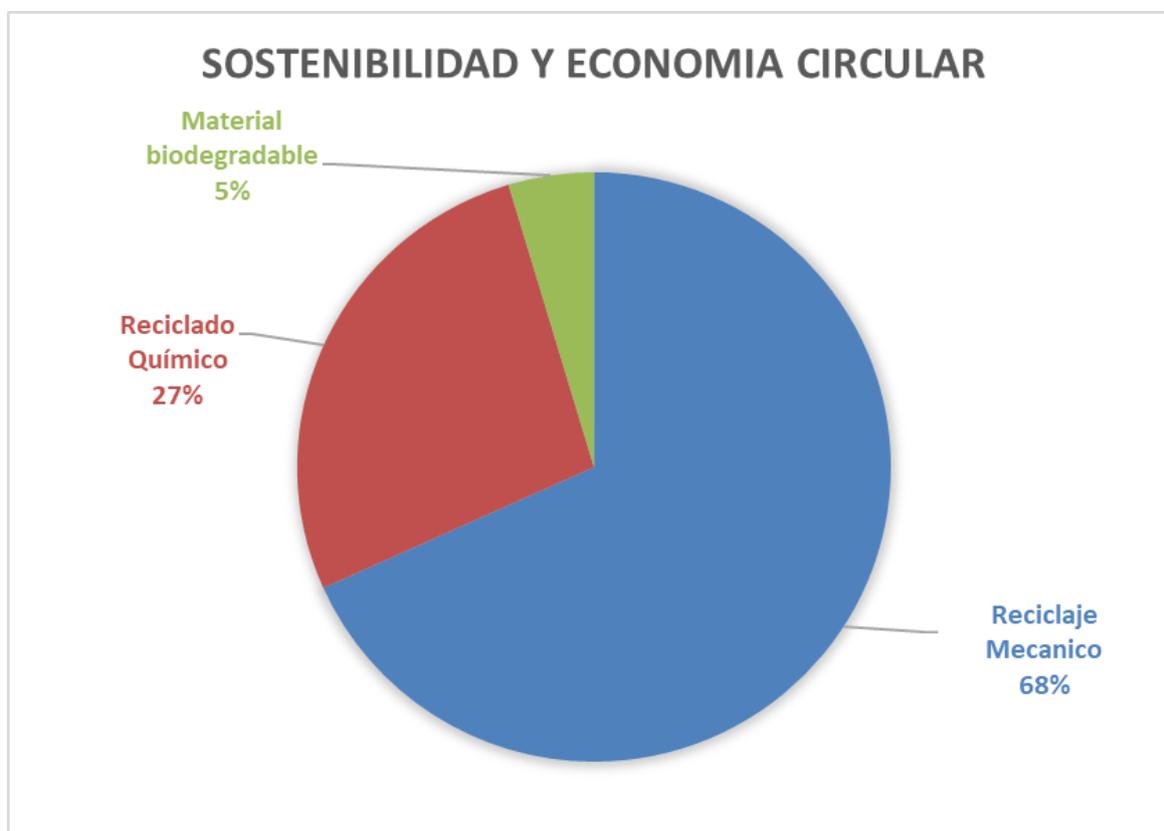
Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
US2025242757	(MIDG) MIDGLEY HARRY ERNST SORENSEN [CA]	Foot step device for being mounted on stock rock slider rails of E.G. Chevrolet Colorado ZR2, has body unit mounting onto rocker panel guards of vehicle without requiring additional hardware or tools, and aperture formed in body unit to function as clip for secure attachment to rocker panel guards
WO2025163020	(COMP) SAINT GOBAIN SEKURIT FRANCE [FR]	Production of illuminable composite pane used as E.G. roof pane of motor vehicle, involves engraving flat base pane using laser, heating and bending into curved pane, providing thermoplastic intermediate layer and another curved pane, laminating, and arranging light source in or on curved pane
CN120517148	(MGIN) MAGNA CLOSURES INC [CA]	Carrier for a carrier module of door assembly of motor vehicle E.G. car, has protruding attachment feature formed separately from carrier body of molded polymeric material, and accessory component is operably secured to attachment feature and to support body
DE102024103397	(HYME) HYMER GMBH & CO KG [DE]	Sleeping roof for recreational vehicle, has electric surface heating system arranged on upper shell of roof main body and integrated into upper shell, where electric surface heating system is arranged on lying surface of roof main body and on lower shell
DE102024116396	(PORS) PORSCHE AG [DE]	Bending lifting spring for motor vehicle I.E. passenger cars, for lifting-roll decoupling for use on public roads, has second spring body mounted on rotary joint, and pivotable parallel to first spring body by rotary joint
DE202025002073	(JANZ) JANZEN KONZEPT GMBH [DE]	Temporary seating device for mounting on passenger car, comprises side walls having notches up to plastic layers and rectangular cross-section, so that edge regions and wall regions connected to one another are formed through plastic layers
EP4603307	(GEEL) VOLVO CAR CORP [SE]	Link arm for chassis of E.G. car, has first material represented as metal material or plastics material or fiber-reinforced plastics material or metal-reinforced plastics material, and second material represented as metal material or plastics material or fiber-reinforced plastics material
US2025264196	(ADAM) ADAMS HEIDI [US]	Multi-functional streetlight for use with non-digital banner to electronically present E.G. commercial advertisements, has polygon shaped support structure including hexagonal segment, lighting system coupled to trapezoidal segment, and base flange to couple hexagonal segments to ground

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
DE102025000692	(DAIM) MERCEDES BENZ GROUP AG [DE]	Steering wheel for vehicle I.E. passenger car, has actuating lever that is designed as lever arm which has two end regions and contact switch and actuating bearing are arranged in first end region, and operating handle is arranged in second end region
DE102024104670	(NSUM) AUDI AG [DE]	Flat body component E.G. vehicle roof, for motor vehicle powered by internal combustion engine and/or electrically driven, has cavity connected to controllable adjusting element which is designed to adjust fluid flow through cavity

VOLVER A
CONTENIDO

SOSTENIBILIDAD Y ECONOMÍA CIRCULAR

En el siguiente gráfico se muestra la distribución de las 1.289 familias de documentos de patente recuperadas en este trimestre en el apartado de Sostenibilidad y Economía Circular. El reciclado mecánico sigue siendo el sector que mayor actividad innovadora presenta.



Las siguientes tablas muestran una selección de los documentos más representativos, junto con un enlace directo a la base de datos Espacenet, el solicitante y una breve descripción de la invención.

Materiales Biodegradables

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025146808	(DAIK) DAIKIN IND LTD [JP]	Processing aid used in masterbatch for use in thermoplastic resin composition for forming molded article, comprises antidegradants and polyester resins
KR20250110401	UNIV NAT CHONNAM IND FOUND [KR]	Polymer composite using natural calcium source elm extract and carboxylate salts and preparation method thereof
KR20250112536	DAWIN [KR]	Foam material products for packing cosmetic based on surplus rice and manufacturing method thereof
KR20250118054	SHIN SUNG HO [KR]	Biodegradable Plastic Composition using Wheat Straw
WO2025164463	(HAYB) NAGASE & CO LTD [JP]; (NAGS) NAGASE VIITA CO LTD [JP]	Thermoplastic resin composition used for forming biodegradable agricultural material E.G. agricultural mulch film, comprises biodegradable aliphatic polyester resin, biodegradable aliphatic-aromatic polyester resin, and trehalose
JP2025119780	UBE MATERIAL INDUSTRIES LTD [JP]	Biodegradable resin composition used to form molded article, comprises biodegradable resin, basic magnesium sulfate, and carbodiimide compound
KR20250121858	UNIV KOREA RES & BUSINESS FOUNDATION [KR]	Biodegradable and stretchable triboelectric power generation devices
WO2025169880	(KANF) KANEKA CORP [JP]	Production of polyhydroxyalkanoic acid dry granules used for producing polyhydroxyalkanoic acid-based resin particles, involves dehydrating aqueous suspension of polyhydroxyalkanoic acid, compressing and/or extruding to obtain polyhydroxyalkanoic acid wet granules containing water, and drying
WO2025184721	(CTKR) CTK RES & DEVELOPMENT CANADA LTD [CA]	Apparatus useful for manufacture of biodegradable polymer composite, has material discharge unit having mobile drive unit positioned above first discharging hopper and second discharging hopper, and mixing and drying unit

Reciclado Mecánico

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120269718	(DOOS) DOOSAN ENERBILITY CO LTD [KR]	Apparatus for recovering carbon fiber and glass fiber, comprises reaction unit including pyrolysis reactor, preferably batch pyrolysis reactor to heat waste composite material supplied from waste composite material supply unit
CN120269720	(DOOS) DOOSAN ENERBILITY CO LTD [KR]	Pyrolysis reactor used in apparatus for recovering carbon fiber and glass fiber, comprises stirring module including plate-shaped swirlers mounted perpendicularly on inner wall of casing so that each of swirlers extends in longitudinal direction of casing
CN120269719	(DOOS) DOOSAN ENERBILITY CO LTD [KR]	Pyrolysis reactor used for thermal decomposition comprises inner casing, shaft, movement module, stirring module
WO2025150063	PASHUPATI EXCRUSION PRIVATE LTD [IN]	Sorting, segregation and upcycling of mixed plastic waste
LU509767	CHONGQING VOCATIONAL INST ENG [CN]	Photovoltaic cell dismantling and sorting all-in-one machine
WO2025153744	(MAPL) MAPLEX TECH LIMITED [GB]	Manufacture of fiberboard used in E.G. construction industry, involves blending fiberized textile waste and wood fibers with thermosoftening polymer resin using rotary mixer to form homogeneous mixture, and forming mixture into board or three-dimensional structure by pressing and applying heat
WO2025159713	KOCAELI UENIVERSITESI [TR]	Method for deodorization from recycled high density polyethylene (hope)
US2025243720	(EVER) EVERPOINT SERVICES INC [US]	Composition of matter, E.G., lost circulation material used as additive to cure formation losses, comprises fragment of wind turbine blade comprising fiberglass of wind turbine blades, resin of wind turbine blade, carbon fiber of wind turbine blades, and balsa wood of wind turbine blade
WO2025163430	(PNEU) PNEUS JET RECYCLING S R L [IT]	Disdisintegration apparatus for seperating materials in conveyor belts, has abutment unit opposite to upper disintegration device and/or lower disintegration devices relative to belt and defining abutments for portion
US12390959	(ECOL) ECOLOGIC MAT LLC [US]	Producing agglomerated recycled plastic in asphalt products, involve loading quantity of recycled plastic into chamber with cutting apparatus configured to produce agglomerated plastic particles
DE102024104195	(KERJ) FORSCHUNGSZENTRUM JUELICH GMBH [DE]	Method for non-destructive recycling of silicon wafer coated on both sides of surfaces, involves selectively removing identical or different surface coatings in form of heterojunction layer structure by solvent, and removing surface coatings without damaging silicon wafer

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025176741	(COMP) SAINT GOBAIN ISOVER [FR]; SAINT GOBAIN ADFORS [FR]	Method for recycling material in form of web, mattress or felt of mineral fibers sized with binder containing thermoset resin, involves bringing material into contact with polyol, and decomposing binder for sufficient time and temperature
US2025282084	(UTTE) UTTER KEITH [US]	Extruded polystyrene processing device for reducing extruded polystyrene into granular material for subsequent delivery to waste management plant, has chopping unit connected to solvent bath unit for submerging chopped pieces in solvent for eliminating air bubbles in chopped pieces
WO2025194047	(ALTI) ALTIUM PACKAGING LP [US]	Production of post-consumer recycled high-density polyethylene or polypropylene pellets for producing fit-for-food contact article, involves grinding post-consumer high-density polyethylene and polypropylene cap, closure and lids into flakes, forming portion of flakes into pellets and devolatilizing
WO2025193093	(FAST) FASTFEETGRINDED B V [NL]	Method for recycling shoes or shoe portions, involves providing separation of textile or leather from ground fraction after which textile or leather is stored and foam-rubber fraction is further processed and providing separation of foam-rubber fraction into different fractions
WO2025191099	(EORE) EO RECYCLING SOLUTIONS S L [ES]	Mobile plant for recovering wind turbine blades in wind farms for shredding of out-of-use blades for subsequent commercialization, has tilting feed belt that comprises steel frame and includes support structure of steel frame so that steel frame is connected to frame of mobile shredding assembly
US2025289164	(MILA) MILAGROS INT INC [TW]	Processing recycling polyethylene terephthalate material from bags, involves using breaker machine to cut bags into polyethylene terephthalate broken pieces, cutting zipper and fastener into polyethylene terephthalate fragments, and putting broken pieces and fragments in blender machine for blending
DE102024107382	(REHA) REHAU INDUSTRIES SE & CO KG [DE]	Recycling process for polymeric profile, preferably in form of window or door profile for producing new article, involves producing new article using first raw material comprising materials A and B and phase mediator and second raw material comprising material B by polymer melt forming process
WO2025195905	(BADI) BASF SE [DE]	Classifying sample of polyethylene terephthalate into first and second type of polyethylene terephthalate by providing sample comprising two types of polyethylene terephthalate, acquiring spectrum of sample distinctive for marker additive, determining, and classifying sample

Reciclado Químico

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025144805	(CALI) CHEVRON USA INC [US]	Continuous process for converting polystyrene plastic into recycle for chemicals and fuel products, involve passing blend at temperature above melting point of polystyrene in blend to refinery FCC unit, recovering naphtha mixture from FCC unit, passing naphtha mixture to aromatics separation unit
EP4582473	(RHEI) RHEIAZYMES AG [CH]	Degrading polymer, involves providing polymeric matrix and incubation medium comprising fungus and culture medium, incubating polymeric matrix in incubation medium to obtain fermented broth, and removing fungus to obtain metabolite composition, incubating polymer with metabolite composition
WO2025151880	UNIV AUBURN [US]	Polymer reclamation from multilayer polymeric materials having barrier structures
WO2025155673	(BIRC) BIRCH BIOSCIENCES INC [US]	New hydrolase having specific amino acid sequence, used for degrading polyester-containing polymer comprising polyethylene terephthalate and/or polyester-polyurethane
US2025242324	(NEXU) NEXUS CIRCULAR LLC [US]	Reactor for pyrolysis of plastic feedstock comprising post-consumer and post-industrial plastics, comprises reactor vessel defining internal volume configured for receiving and pyrolyzing plastic feedstock, and heaters configured for heating feedstock in reactor vessel's internal volume
WO2025160586	(BATT) BATTELLE MEMORIAL INSTITUTE [US]	Method for deconstructing polyester cotton blended textile used as portion of single-use packaging materials, involves alkaline hydrothermal treatment, conducting of polyester cotton blended textile to generate terephthalic acid and ethylene glycol, and contacting breakdown products with bacteria
WO2025162947	(BASE) BASELL POLIOLEFINE ITALIA SRL [IT]	Preparing supported catalyst for depolymerizing polymers, involves dissolving metal oxo salt to form first solution comprising cations and metal oxoanions, and adding Bronsted-Lowry acid to first solution to react with portion of metal oxoanions to form second solution comprising metal oxo acid
WO2025160527	(VIRG) VIRGINIA TECH INTELLECTUAL PROPERTIES INC [US]	Depolymerization of poly(ethylene terephthalate) using methanol vapor, involves contacting poly(ethylene terephthalate) with vapor phase methanol in reactor, recovering vapor comprising methanol, dimethyl terephthalate and ethylene glycol, isolating and recycling portion of recovered methanol

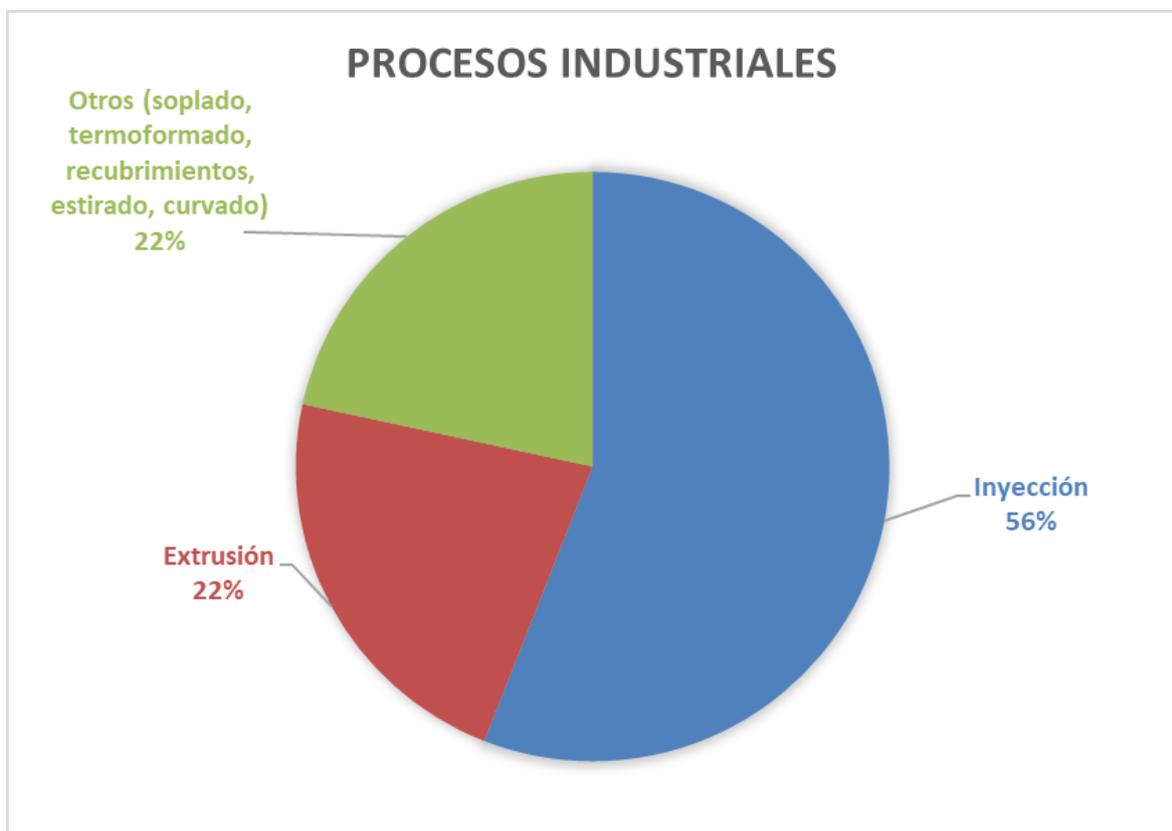
Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025162836	(BADI) BASF SE [DE]	Preparing liquid high-purity epsilon-caprolactam stream by preparing liquid stream having epsilon-caprolactam, providing stream having permanganate, preparing oxidation reaction educt mixture and separating part of the oxidation products
WO2025165705	(COEW) COE WILLIAM B [US]	Preparing functional rubber material, comprises reacting vulcanized rubber with unsaturated oil in presence of ferrocene catalyst, where functional rubber material is obtained
WO2025170590	(EQCH) EQUICSTAR CHEM LP [US]	Method for recycling plastic waste for E.G. automobile component, involves melting polyolefin of plastic waste, mixing polyolefin-based melt under mixing force, volatilizing contaminant, venting volatilized contaminant from polyolefin-based melt and purifying polyolefin-based melt
WO2025172585	(SYNT) SYNTETICA [FR]	Depolymerization of polyamide of polymeric material used in E.G. cosmetics, involves contacting polymeric material made of polyamide and another polymer, with Bronsted-Lowry acid in solvent and selectively depolymerizing to produce liquid phase of polyamide monomer, and solid phase of polymer
WO2025172300	(ZEIS) ZEISS CARL VISION INT GMBH [DE]; CARL ZEISS VISION TECHNICAL SERVICES GUANGZHOU LTD [CN]	Method for recycling thermoset spectacle lens material used in composition for spectacle lens, involves providing catalyst to thermoset spectacle lens material which is in the form of particles and/or powder
WO2025172497	(PETF) TOTALENERGIES CORBION BV [NL]	Recycle of polylactic acid for producing lactic acid, involves hydrolyzing polylactic acid waste to obtain crude lactic acid composition, diluting, equilibrating, concentrating equilibrated crude lactic acid composition, and crystallizing
WO2025181101	(HERA) REVALYU RESOURCES GMBH [DE]	Production of polyester product used for forming E.G. polyester solids, involves providing polyester fragment, subjecting to thermal treatment, contacting polyester fragment with sulfur of organic liquids, and converting into polyester solids
WO2025181100	(HERA) REVALYU RESOURCES GMBH [DE]	Production of polyester product used for forming E.G. polyester solids, involves providing polyester fragment, subjecting to thermal treatment, contacting polyester fragment with organic liquid, and converting into polyester solids
WO2025181102	(HERA) REVALYU RESOURCES GMBH [DE]	Production of polyester product used for forming E.G. polyester solids, involves providing polyester fragment, subjecting to thermal treatment, contacting polyester fragment with organic liquid, and converting into polyester solids

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025186831	(COUI) COUNCIL SCIENT IND RES [IN]	Depolymerizing and re-polymerizing polymer by halogenating polymer, depolymerizing halogenated polymer, separating and purifying crude mixture and reacting depolymerized monomer with polymerization catalyst solution
WO2025188373	UNIV FLORIDA [US]	Polymers and methods of depolymerization of polymers using pendent groups
WO2025188231	(RENA) RENASENS AB [SE]	Separation and recovery fibers of blended textiles used for E.G. home textiles, involves providing blended textile comprising cellulosic and non-cellulosic fibers, dissolving polar ionic liquid in supercritical or subcritical phase, solvating cellulosic fibers, depressurizing and collecting
WO2025186410	(INEO) INOVYN EUROPE LTD [GB]	Recycling of polymer particles E.G. polyvinyl chloride, involves providing solution of polymer and mixture of water, polar aprotic organic solvent (PAOS) and organic phase separation agent (PSA), removing PSA from solution to form polymer particle slurry, separating, and removing residual PAOS
WO2025191226	(PETS) PETSHKA [FR]	Method for recycling material used for producing polyol for manufacturing polyurethane or polyisocyanurate polymer, involves treating material comprising polyethylene terephthalate with glycol, and treating obtained polyol with dicarboxylic acid to reduce hydroxyl number of polyol
WO2025196193	BASF SE [DE]	Highly integrated process for preparing polyamide 6 from polyamide 6 containing waste
WO2025196041	(BADI) BASF SE [DE]	Treating polymer composition comprising polyurethane mixture having two polyurethanes with polyol, chain extender and glass fibers, by subjecting polymer composition to recycling process of melting, depolymerizing, gasifying and pyrolyzing

VOLVER A
CONTENIDO

NUEVOS PROCESOS INDUSTRIALES

En el siguiente gráfico se muestra la distribución de las 7.594 familias de documentos de patente recuperadas en este trimestre en el apartado de Nuevos procesos industriales. Los procesos que mayor actividad innovadora reflejan son el de inyección y extrusión.



Las siguientes tablas muestran una selección de los documentos más representativos, junto con un enlace directo a la base de datos Espacenet, el solicitante y una breve descripción de la invención.

Inyección

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
US2025281802	(ACUS) ACUSHNET CO [US]	Golf ball, has set of dimples provided with dimple centroid including latitudinal location and longitudinal location, and non-planar parting line provided with arcuate segment, where majority of segments of non-planar parting line are sinusoidal arcuate segments
US2025249627	(DANT) DE ANTONIO SIMANCAS ANDRES [MX]; DE ANTONIO CRESPO RAQUEL [US]	Sargassum ecological lumber material for construction, furniture, packaging, comprises mix of plant-based and plastic materials, where mix comprising plant-based material such as sargassum in mix, sargassum being previously dried and ground
EP4596210	(GEMI) GEMINI GROUP INC [US]	Method for making rear injection molded feature type injection molded component I.E. commercial component, involves injecting resin onto surface of substrate to form runners, cooling injected resin to specific range, and removing completed component
EP4620650	(LPMS) LPMS INT LTD [CN]	Traceable low-pressure injection molding apparatus, has first code scanning gun installed on machine station and located adjacent to heating mechanism, and second code scanning guns installed on station and adjacent to molding mechanism
CN120572703	(SHIH) SEIKO EPSON CORP [JP]	Injection molding machine, has positioning unit configured to position injection unit and mold unit and control unit configured to control operation of material supply unit and injection unit
CN120382597	(FAUR) FAURECIA INTERIOR SYSTEMS INC [US]	Method for making vehicle interior panel for use over airbag, involves filling mold cavity of molding tool with molding material to form panel substrate while opposing edge portions of flexible reinforcing layer are clamped in tool
DE102023136760	(REHA) REHAU AUTOMOTIVE SE & CO KG [DE]	Method for producing partially translucent plastic panel for vehicle, involves applying opaque coating to visible side of base body, and introducing multiple perforations into coating, where perforations completely penetrate coating in order to thereby enable partial translucency of base body
CN120552285	(SUMH) SUMITOMO HEAVY INDUSTRIES [JP]	Injection molding machine for manufacturing molded articles, has control device for controlling operation of injection device and mold clamping device, and toggle mechanism configured such that toggle factor at burr-forming position is magnification factor of one or greater

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120307579	(NIKL) JAPAN STEEL WORKS LTD [JP]	Injection molding machine I.E. vertical injection molding machine, has injection device injecting injection material, and air valves supplying air to air drive devices, and provided at same location, which is air equipment mounting portion
CN120481183	(TOYT) PRIME PLANET ENERGY & SOLUTIONS INC [JP]	Manufacturing electricity storage device case component, involves placing plate element in mold, and integrally molding sealing element sealing plate element with plate element by pouring resin into mold
CN120439536	(KSTL) KISTLER HOLDING AG [CH]	Method for operating injection molding tool, involves injecting a melt into a cavity to fill the cavity, and calculating viscosity index from pressure increase and time difference between filling time point and starting time point
CN120287525	(TOXY) TOYO MACHINERY & METAL [JP]	Injection molding machine for adjusting clamping force by changing basic conditions of injection molding fundamentals, has injection device having injection nozzle and screw to fill mold with molten resin via injection nozzle
CN120396241	(CANO) CANON KK [JP]	Method for manufacturing molded product, involves welding third component and fourth component to mold second integral molded product, which is different from first integral molded product by closing second mold and intermediate mold and injecting molten resin into molds
WO2025186126	(TOLY) L UNIV TA MALTA [MT]; (UYMA) TOLY PRODUCTS LTD [MT]	Active vacuum venting system for use in a molding system, has a mold having an unsealed mold cavity, a vacuum source, and a vent connector provided to connect the vacuum source to the mold cavity, where the vacuum source is provided to evacuate the mold cavity during supply of molding material
LU509661	JIUHE JINGWEI PLASTIC IND SHENZHEN CO LTD [CN]	Injection mold easy to maintain
US12378399	(WANG) WANG JEFFREY [US]	Rubber composition useful to make spatulas, shoes, and children toys, comprises polyacrylate, polymethacrylate, branched polysaccharide E.G. guar gum, linear cellulose E.G. cellulose, and solubilizer such as glycerin or water, where above components are combined to form rubber with pores
AT527969	(ENGA) ENGEL AUSTRIA GMBH [AT]	Drive device for injection device for plastic injection molding machine, has output for injection piston of injection device to be acted upon in order to generate injection force, and hydraulic drive is mechanically connected to output for injection piston

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120461709	(ZIZA) ZKW GROUP GMBH [AT]	Method for facilitating two-material injection molding for forming construction element for headlamp of vehicle, involves building first injection molding tool by bringing together first and second tool units in order to form first tool cavities separate from each other for forming two components
CN120439530	(NIKL) JAPAN STEEL WORKS LTD [JP]	Vertical mold clamping device for use in vertical injection molding machine, has mold clamping mechanism provided between fixed platen and lower movable platen, and rotary table rotatably provided on upper surface of fixed platen
DE102025102354	(SUMM) SUMMERER TECH GMBH & CO KG [DE]	Method for producing plastic molded portion with an insert E.G. foil, by injection molding, involves inserting insert into first mold half of injection mold, injecting plastic compound into injection molding cavity, and demolding plastic molded portion with insert
WO2025165938	(REPK) REPLIGEN CORP [US]	Tubing assembly for use in pharmaceutical, has pressure cup portion that is provided with first open lateral side, and second closed lateral side comprising flat membrane unit configured to engage diaphragm of pressure transmitter to transmit pressure of fluid arranged within pressure cup portion
DE202025104271	(MENG) MENGONI MICHELE [IT]	Multi-station system for injection molds used in automotive, hydraulics, and plumbing industries, has tie rod connected to central rod and provided with element for allowing central rod to slide and rotate simultaneously in flange
DE102023213326	(BOSC) BOSCH GMBH ROBERT [DE]	Manufacturing process for producing diaphragm pot of ultrasonic transducer, involves removing diaphragm pot from injection molding tool, where removed diaphragm pot is composed of one oscillatable region having wall thickness of less than 100 pm on outer contour
US2025236055	(ACUS) ACUSHNET CO [US]	Golf ball mold assembly for use in retractable pin injection molding system by professional, has mold provided with mold body, where mold defines interior spherical cavity for holding golf ball subassembly, and stationary center vent pin is positioned in center through hole
US2025256676	(TESM) TESLA INC [US]	Structure used as automotive trim panel, comprises a first side comprising a thermoplastic material; and a second side chemically bonded to the first side by injection molding, the second side comprising a resin material
CN120645370	(PURP) PURPLE INNOVATION LLC [US]	Method for manufacturing cover for cushion, involves securing cover including first panel and second panel secured to first panel and introducing elastomeric gel into cavity of mold and onto first panel or second panel of cover

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120563270	(SHIH) SEIKO EPSON CORP [JP]	Molding management system for managing production of product in production process by injection molding device using resin material, has server communicably connected to terminal device, and storage unit used to store multiple pieces of lot information in which lot identification information
DE102024000241	(EXIP) EXIPNOS GMBH [DE]	Method for producing injection molding compounder with extruder and injection unit, involves providing injection unit with injection screw, and connecting outlet of extruder through melt line to insert in filling opening for plastic granules of injection unit
CN120326307	(ERMO) ERMO [FR]	Fitting-together system for use in machine for molding first portion I.E. closure body and second portion I.E. closure cap, has checking unit connected to force sensor and arranged to compare electrical value with predefined interval of values
JP2025130955	(SHIH) SEIKO EPSON CORP [JP]	Molding management system which manages production of product in production process including injection molding process of product by injection molding device, has server connected to terminal device, where server includes storage section configured to store one or more sets of lot information
AT528067	(ENGA) ENGEL AUSTRIA GMBH [AT]	Shut-off nozzle for molding machine such as injection molding machine, has valve element that passes through fluid channel and has through-opening for fluid to pass through, where rotational movement of valve element can vary flow cross-section between channel
CN120547794	(GLDS) LG ELECTRONICS INC [KR]	Component for home appliance, has core layer located inside skin layer and injection-molded with first material, first portion integrally formed with second portion, where core layer is molded with second material
JP2025130832	(SHIH) SEIKO EPSON CORP [JP]	Molding management system E.G. manufacturing execution system, for managing production of product in production process including injection molding process by injection molding device using E.G. plastic, has server communicably connected to terminal device and provided with storage section
EP4603250	(ASTO) ASTOM S R L [IT]	Anti-seize injection head for making E.G. polyurethane and/or polymeric foams, for use in production of insulating panels for E.G. refrigerators, has guiding cage arranged around shutter stem to guide shutter stem according to rotation on longitudinal sliding
GB2637174	PHINIA DELPHI LUXEMBOURG SARL [LU]	Improvements relating to fuel injectors for gaseous fuels and related production methods

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
EP4596214	(VOES) VOESTALPINE TECH INSTITUTE ASIA CO LTD [TW]	Device for venting and ejection for injection mold, has gas permeable layer on mold and is positioned at end of mold cavity, where gas permeable layer is made of porous metal material and provided with multiple of interconnected pores, and pores allow gas to enter and exit gas permeable layer
LU509722	JIUHE JINGWEI PLASTIC IND SHENZHEN CO LTD [CN]	Injection mold with efficient cooling
EP4609893	(BINT) BRAUN MELSUNGEN AG [DE]	Method for producing bottle for irrigation applications to drain and wash E.G. surgery fields during surgeries, involves providing base container comprising wall, providing break-of cap, and fluidly connecting break-of cap with opening of base container forming connection of opening with cap
CN120439512	(JOYS) JOYSONQUIN AUTOMOTIVE SYSTEMS NORTH AMERICA LLC [US]	Method for manufacturing composite component having surface portion for use in vehicle such as sill plate placed at bottom door sill of vehicle, involves forming injection mold comprising negative of image on portion of mold surface, and preparing first surface of portion of stock material
AT528066	(ENGA) ENGEL AUSTRIA GMBH [AT]	Closure nozzle for shaping machine, has channel designed to guide preferably liquid and/or plastic fluid, and valve element has through-opening for passage of fluid and is designed to vary flow cross-section between fluid channel and through-opening by performing a rotational movement
US2025243766	(HONE) HONEYWELL INT INC [US]	Stator vane for annular multi-spool turbofan gas turbine jet engine deployed onboard aircraft, has metallic sheet whose outer portion and inner portion are extended further from leading edge toward trailing edge of body, where central region of body is defined by exposed portions of substrate
US2025266734	(LINP) LIN PO FONG [TW]	Stock servomotor structure for bearing axial force loading generated during manufacturing process of injection molding machine to inject molding product, has front cover provided with tapered roller bearing and roller thrust bearing
JP2025130967	(SHIH) SEIKO EPSON CORP [JP]	Molding management system for managing production of product in production process by injection molding device using resin material I.E. plastic, has storage unit for storing multiple pieces of lot information in which lot identification information for identifying lot of product
CN120341615	(MNDO) HL KLEMOVE CORP [KR]	Connector comprises pre-mold penetrated by electrically conductive connector pin such that ends of connector pin protrude from first surface and second surface of pre-mold, respectively, and housing surrounding all surfaces of pre-mold penetrated by connector pin to accommodate pre-mold in housing

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120466284	(ILLT) ILLINOIS TOOL WORKS [US]	Fastening device E.G. edge clip, for fastening first component E.G. hoses, to second component E.G. vehicle frame, in automotive industry, has lever element that applies compressive force to first or second fastening wall such that fastening device is connected to plate-shaped element
US2025296270	(DKAP) DEKA PRODUCTS LP [US]	Method for overmolding component to sharp bearing body from which microneedle projects, involves retaining second block of mold against base during orchestration of portion of ejection sequence in which first block and component are ejected from mold
US2025264270	(MERC) MERCURY PLASTICS LLC [US]	Reservoir system for used in water distribution systems to provide dispensers in refrigerators such as other appliances to enhance user accessibility to ice and water, comprises laterally extending side projection is in fluid communication with the lower projection
CN120481231	(NSSK) NISSEI PLASTICS IND CO [JP]	Safety cover for use in vertical injection molding machine, has upper cover formed with fixed cover that is fixed to frame, lifting cover that is attached to fixed cover to be movable in up-down direction and holding device to hold lifting cover in predetermined position in up-down direction
US2025262488	(YOUB) YOU BETCHA LLC [US]	Method of manufacture for pickleball that is utilized for sports E.G. badminton, involves incorporating colorant into base resin during injection molding of second hemisphere, and hot seam welding first hemisphere to second hemisphere
CN120533886	(WESF) HELLA AUTOTECHNIK NOVA S R O [CZ]	Mold for injection molding of optical element for headlight, has two mutually movable mold parts together delimit cavity for forming optical element, shade-forming section for molding cut-offline shade on optical element, and exchangeable insert for limiting shade-forming section
DE102024000155	(NTEC) NTEC NORMALIEN GMBH [DE]	Driver for latch lock for use as hook latch lock, has driver plate mounted on outside of mold, and comprising contour which is received in corresponding contour in mold plate, where driver plate is variably mounted on mold plate in opening direction
US2025216013	(COOI) COOPER STANDARD AUTOMOTIVE INC [US]	Adaptor used for connecting first tubing to second tubing, has body having first end and second end opposed to first end, where first and second end are made from dissimilar materials, first end has outer surface supporting concentric barb for connecting to tubing, and second end has receptacle
CN120307585	(NSSK) NISSEI PLASTICS IND CO [JP]	Method for diagnosing a plasticized state of molding material I.E. pellet supplied into heating cylinder of injection molding machine, involves graphically displaying generation pattern of sets of attack number data and sets of event count data which correspond to sets of position data

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120593610	(ISCH) SCHAEFFLER TECHNOLOGIES AG [FR]	Method for manufacturing inductive sensor E.G. angular position sensor, involves positioning insert on printed circuit, pouring resin into interior space of lined housing of printed circuit board and insert, and performing polymerization of resin
WO2025146661	(ERTH) ERTHOS INC [CA]	Hydrolyzed compostable compatibilizer for blending biodegradable elastomer and biodegradable thermoplastic polyester, comprises biodegradable thermoplastic polyester selected from polylactic acid and polybutylene succinate, and organic acid selected from lactic acid, formic acid, and stearic acid
CN120288113	(IMSG) IMS GEAR SE & CO KGAA [DE]	Hub body for E.G. composite gear wheel of steering unit of motor vehicle, has outer lateral surface arranged along axis of rotation between front sides of hub and including engagement gearing with engagement tooth
WO2025196335	(BAKO) BAKER HUGHES ENERGY TECHNOLOGY UK LTD [GB]	Sub-sea assembly for sub-sea support structure for E.G. subsea operations for umbilical connections, has multiple metallic components coupled to multiple apertures formed in mudmat or mounting base, where multiple metallic components are fixed with multiple cathodic protection systems
US2025276477	(GAMM) GAMMAFLUX CONTROLS INC [US]	Hot runner control device for hot runner assembly installed in injection molding device, has processor that is configured to access database, and identify signature element of hot runner assembly, by comparing received signature with reference signature
WO2025170786	(COLG) COLGATE PALMOLIVE CO [US]	Personal care implement E.G. toothbrush, has second elastomeric grip component that coupled to handle portion of structural portion, where first and second elastomeric grip components are isolated from one another by portion of outer surface of handle portion of structural portion
US2025262807	ZENG PIAO [CN]	Method for manufacturing integrated base
WO2025179259	(PLTK) PLASTIPAK PACKAGING INC [US]	Injection molded plastic container or jar for storing food pickles, jams and sauces, has base portion configured to support a plastic container on a surface, and neck portion includes formation configured to receive cap or closure
DE102024104166	(GUEN) GUENTHER HEISSKANALTECHNIK [DE]	Flow element E.G. hot runner nozzle, for use in dosing system of injection molding system to control flow of flowable material into cavity under high-pressure, has base body provided with drive interface that is rotated along direction of rotation axis

Extrusión

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
US12421329	(USEO) USEON TECH LIMITED [CN]; USEON ZHENJIANG INTELLIGENT EQUIPMENT LTD [CN]; USEON ZHENJIANG INTELLEAGENT EQUIPMENT LTD [CN]	Continuous dynamic and efficient devolatilization for polymer/volatile system based on high mass transfer interfaces, involves providing dynamic single-screw devolatilizer, which has rotating single screw and housing, and feeding polymer solution to dynamic single-screw devolatilizer
DE102024101964	(EXTR) EXTRUDER EXPERTS GMBH & CO KG [DE]	Extruder screw for simplify clamping of screw elements, for use in extruder, has screw segments provided with radially protruding functional elements, counter element clamped with screw segments, and locking element clamped between screw segments and counter element
WO2025165684	(DOWC) DOW GLOBAL TECHNOLOGIES LLC [US]; DOW SILICONES CORP [US]	Reduction or elimination of melt fracture during extrusion used for producing article, involves blending ethylene-based polymer having preset melt index with polymer processing aid comprising silicone polyether
WO2025160268	(BERR) BERRY GLOBAL INC [US]	Multilayer film comprises barrier layer arranged to provide outer surface, first layer, and tie layer arranged to extend between and interconnect the barrier layer and the first layer, where the barrier layer comprises ethylene-vinyl alcohol copolymer
US2025282124	DONGGUAN JEX IND CO LTD [CN]	Tempered glass for preventing generation of rainbow pattern and manufacturing method thereof
WO2025196170	(ABTO) ABTO23 UG I G [DE]	Screw extruder device E.G. progressive cavity pump, for extruding extrusion material, has insert and screw thread element matched to one another such that static tightness is provided between insert and thread element
CN120228830	(NIKL) JAPAN STEEL WORKS LTD [JP]	Vented extruder I.E. intermeshing twin-screw extruder, for removing E.G. residual solvent, contained in polymers, has cylinder including inlet port for feeding resin raw material, and screw arranged in cylinder
DE102024201549	(CONW) CONTINENTAL REIFEN DEUTSCHLAND GMBH [DE]	Screw element for processing mass for producing tire for motor vehicle, such as truck, has first helical section that is formed upstream of second helical section with respect to predetermined mass processing direction of screw element
US2025242535	(IRWR) IRWIN RES AND DEVELOPMENT INC [US]	Extruder screw for use in extruder for extruding plastic elastomer, comprises screw body that has shaft extending from upstream end to downstream end, flight extending helically about screw body, and heat transfer chamber is provided in screw body having thermodynamic heat sink mixture

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
US2025282088	(NING) NINGBO FANGLI TECH CO LTD [CN]	Central air extraction type pipe extrusion core mold assembly runner for two-channel air extraction mold, has central air extraction pipe mounted on core mold assembly along central axis of core mold assembly, where plastic melt extruded by extruder screw barrel enters core mold assembly
EP4603256	(BRID) BRIDGESTONE EUROPE NV SA [BE]	Production of compound used for manufacturing article made of rubber, involves supplying components of compound to continuous mixer, measuring compound pressure at extrusion head, and adjusting compound pressure to target pressure
US12392144	JIANGSU BBL HOME TECH CO LTD [CN]	Multi-layer foamed floorboard and preparation method thereof
US2025236079	(YISH) YI SHEN PLASTIC CORP [TW]	Thermoplastic fiber composite film manufacturing mechanism has substrate outputting module configured to continuously output plastic substrate, pressing module receiving plastic substrate and fiber sheet material, plastic substrate, and fiber sheet material moving to pressing area
US2025276482	WUXI ZHONGYOU RUIDE ANTICORROSION TECH CO LTD [CN]	Equipment for Preparing Polyethylene Coating with Three-Layer Structure Wound on Steel Elbow
NL2037260	VMI HOLLAND BV [NL]	Method, extruder device and tire building machine for winding a strip around a strip-winding drum to form a tire component
CN120442048	(GENK) GM GLOBAL TECH OPERATIONS LLC [US]; (VIRG) VIRGINIA TECH INTELLECTUAL PROPERTIES INC [US]	Elongated thermoplastic composite extrudate comprises thermoplastic polymer matrix material having elongated thermoplastic liquid crystal polymer fibrils generally oriented in direction of extrusion
WO2025146666	(ERTH) ERTHOS INC [CA]	Biodegradable resin composition used in articles of blown and cast film extrusion, compression and injection moldings techniques comprises biodegradable thermoplastic polymer, plasticizer, inorganic filler, biomass filler and additive
US2025218615	(BRID) BRIDGESTONE CORP [JP]	Radiation shielding composite I.E. multi-layered composite, comprises first component including copolymer including unconjugated olefin-derived units, vinyl aromatic-derived unit, and conjugated diene-derived-unit, and second component including radiation-shielding metal
US2025250426	(UPON) UPONOR INNOVATION AB [SE]	Extruded polymeric pipe for transport of water, is obtainable by peroxide crosslinking process, pipe is formed from composition comprising polyolefin structural polymer, peroxide initiator, co-agent including two reactive carbon-carbon double bonds
WO2025160329	(XALO) XALOY LLC [US]	Extrusion or injection molding barrel for processing E.G. fluoropolymers, has notch that is filled with corrosion resistant material from base end of notch and outer surface, and passage that is extended through corrosion resistant material inside of notch

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
KR20250113747	SABIC SK NEXLENE COMPANY PTE LTD [SG]	Apparatus and method for pelletizing polyethylene
DE102024200031	(CONW) CONTINENTAL REIFEN DEUTSCHLAND GMBH [DE]	Conveying device for conveying cut-to-length extrudates from extruder to winding unit, has rollers whose conveying surfaces are spaced apart from one another in conveying direction and forming intermediate spaces between surfaces
WO2025146664	(ERTH) ERTHOS INC [CA]	Biodegradable resin composition used for producing E.G. sporting goods, contains biodegradable thermoplastic polymer(s), polyester elastomer(s), and modified starch(s), and exhibits force recovery shortly after being stretched to certain strain, then returned to lower strain and held for preset time
WO2025146663	(ERTH) ERTHOS INC [CA]	Biodegradable resin composition for articles of any thickness and rigidity made by blown and cast film extrusion, comprises E.G. biodegradable thermoplastic polymers, biodegradable modified starch, additives, inorganic and biomass fillers
PL448084	BARLINEK SPOLKA AKCYJNA [PL]	Method for manufacturing building boards from rock-polymer conglomerate and building board
WO2025160523	(ITAU) INT AUTOMOTIVE COMPONENTS GROUP NA INC [US]	Multilayered interior trim panel used for vehicle, comprises cover layer, adhesive layer, cushion layer, another adhesive layer and carrier layer, and each layers are composed of polyolefin
DE202025103348	(ZUMB) ZUMBACH ELECTRONIC AG [CH]	System configured to determine distance between first and second conductor embedded in embedding material, which is by measuring first distance and second distance between nearest point on outer circumference of embedding material and first and second conductors respectively in first direction
US2025256448	(MARV) MARVIN COMPOSITES LLC [US]	Fenestration assembly for holding fasteners E.G. brackets, nails and screws in building comprises fenestration frame having frame members each including coextruded foam polymer member having foam polymer core, polymer shell jacketing foam core, and co extruded with foam core
CH721494	(PETE) BRUNO PETER AG [CH]	Method for production of color granulate for plastic molded components, involves identifying change in target formulation for color granulate if measured parameters of coloring deviate from defined parameters for coloring of molded components
US2025249647	(PORT) PORTER MARK A [US]	Extruded thermoplastic lumber product for marine and outdoor construction, has core having blend of polyvinyl chloride thermoplastic material and chopped strand glass fibers, elongated continuous fiber reinforcements which are pre-tensioned and pultruded, and co-extruded capstock layer

Otros Procesos

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120645476	(DAHE) DAHER AEROSPACE [FR]	System for stamping thermoplastic matrix composite blank, has holding element guided in translation relative to receiving element in plane parallel to axis of pivot connection and along direction perpendicular to axis of pivot connection
JP7717350	TAIKISHA LTD [JP] FU-SE VACUUM FORMING LTD. [JP]	Coating device for covering film with adherend having three-dimensional shape, has displacement unit for relatively displacing first and second continuum portions and adherend so that film abuts against adherend by first contact portion and second contact portion
DE102024105725	(SALZ) KHS GMBH [DE]	Device for treating semi-finished products made of polyethylene terephthalate, has positive guidance device provided with section of heating section, and driver provided with interacting guide that is designed to be adjustable and/or displaceable at heating sections
DE102024106018	(ALPL) ALPLA WERKE ALWIN LEHNER GMBH & CO KG [AT]	Method for producing hollow portion E.G. container such as bottle or tube, involves introducing extruded blank into blow molding tool, and giving hollow portion longitudinal axis by blow molding tool which is aligned transversely to blank axis, and separating hollow portion
DE102023005373	(HART) HARTMANN THORSTEN [DE]; (SOMM) SOMMER HARALD [DE]; SOMMER ENG GMBH [DE]	Method for tension-free positioning of flat transfer segments on elastic pressing unit for bubble-and distortion-free contour-accurate lamination of three-dimensional workpiece, involves carrying out lamination by utilizing gravity from horizontal position of elastic pressing unit
WO2025147363	(WILD) WILDSTAR LLC [US]	Manufacturing carbon fiber structure involves mounting set of inner mold segments on rod, spinning rod to linearly move set of inner mold segments on rod, spinning, while set of inner mold segments are moving linearly, compressing, by set of outer mold segments
CN120307613	(KROE) KRONES AG [DE]	Apparatus for manufacturing plastics material containers I.E. plastic material bottles, has first inspection device for inspecting region of plastics material preforms produced by production device, where first inspection device is arranged between production device and cooling device
US2025263574	(ABLY) SARGENT MFG CO [US]	Anti-ligature door handle assembly for coating, comprises handle having handle surface, escutcheon disposed at base of handle

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025172867	(ATI) ATIUS R L [IT]	Method for heat-shrinking sleeve made of heat-shrinkable material around E.G. bottle, in packaging and sublimation printing industries, involves arranging tube around sleeve that is fitted on solid body in rapid sequence
CN120307586	(KROE) KRONES AG [DE]	Arrangement for treating and inspecting plastics preforms for forming E.G. plastics containers, has second inspection device configured for inspecting second portion of plastics preforms, and second image recording device configured for recording resolved image of second portion of plastics preforms
DE102024117425	(GENK) GM GLOBAL TECH OPERATIONS LLC [US]	Method for manufacturing battery case, involves placing first battery case component and second battery case component directly against first plate and second plate, in blow molding machine, where first plate and second plate are arranged in open arrangement separated from each other
US2025276484	SIDEL PARTICIPATIONS [FR]	Thermal treatment unit for preforms
CN120307501	(KROE) KRONES AG [DE]	Apparatus for producing plastic preforms, with infrared image recording, in injection-molding machine and treatment system, has inspection device provided with infrared image recording device suitable and intended for recording spatially resolved image of region of manufactured plastic preform
US2025296275	SIDEL PARTICIPATIONS [FR]	Method for regulation of a container production installation
DE102024107757	(KROE) KRONES AG [DE]	Device for checking mold for producing container such as beverage bottles made of pulp or plastic for residues, has control unit that is configured to determine whether residue is present on mold for producing container based on light detected by light detector
CN120307616	(KROE) KRONES AG [DE]	Apparatus for producing injection-molded plastics material preforms to form plastics material preforms into E.G. plastic material bottles, has production device for producing plastics material preforms using production units, and transport device for transporting plastics material preforms
CN120382630	(TIGS) TI AUTOMOTIVE TECH CT GMBH [DE]	Method for producing pipe arrangement used to conduct temperature control media to various components of electric vehicle, involves arranging functional element on tool carrier, introducing tool carrier between blow molding tools of blow mold, and introducing tubular preform into blow mold

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
DE102024101383	(SALZ) KHS GMBH [DE]	Container treatment system for use in food industry, has fluid supply designed to introduce treatment fluid into container, and sterilizing agent reservoir arranged in supply line in sterilization operation, where fluid supply is connected in fluid-acting manner to supply line
WO2025186723	(MSCO) M&S CONSULTING SA [CH]	Insulation panel used for vehicle suitable for transporting materials at controlled temperature, comprises structural shell made of polystyrene, high impact polystyrene, acrylonitrile-butadiene styrene, polymethylmethacrylate, polypropylene and/or PVC, thermally insulating filler and insert
CH721607	(ALPL) ALPLA WERKE ALWIN LEHNER GMBH & CO KG [AT]	Form-filling machine for forming and filling liquid E.G. cleaning agent in plastic container with blow mold, has plug insertable into filling opening, which is clamped in filling opening without interacting with holding elements
GB2637707	(STUE) SWP AUSTRALIA PTY LTD [AU]; (SWPA) FRANK STUEKERJUERGEN [DE]	Conduit extrusion device for creating and emplacing conduit, has winding cage configured to receive profile strip and wind into helical spiral conduit, and rotate relative to main portion so that extruded conduit is rotationally stationary
JP7717351	(FUSE)	Coating apparatus for covering automobile E.G. four-wheeled vehicle, has displacement unit which is provided to relatively displace preset gripping portion, so that film is abutted against adherend portion, where preset gripping portion is moved in specific direction
CN120228881	(SUMH) SUMITOMO HEAVY INDUSTRIES [JP]	Operation mechanism for use in blow molding mechanism of split mold of mold unit, has first element for operating in first direction perpendicular to second direction in which stationary mold and movable mold that are closed and opened
CN120307614	(KROE) KRONES AG [DE]	Apparatus for producing a plastic material container I.E. plastic material bottle, has spectral analysis device that is arranged between production device and forming device, and is provided for spectrally analyzing radiation impinging
DE102025108932	(TYEL) TE CONNECTIVITY SOLUTIONS GMBH [CH]; TYCO ELECTRONICS SHANGHAI CO LTD [CN]	Tool conveying device used in heat shrinking system, has connecting unit provided at end of extending unit and adapted to be connected to connecting end of one end of heat-shrinkable tube wiring harness product and used to hold connecting end of heat-shrinkable tube wiring harness product
CN120307587	(KROE) KRONES AG [DE]	Apparatus for manufacturing plastics material containers I.E. plastic material bottles, in forming device such as stretch blow molding machine, has assignment device for assigning production unit that produced plastics material preform and/or forming station

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
EP4582240	HODMETER [FR]	Preform with grip attachment interface, bottle produced by blow molding such preform, and associated bottle-handle assembly
CN120453583	(TIGS) TI AUTOMOTIVE TECH CT GMBH [DE]	Battery housing for useful for drive battery of vehicle or electric vehicle or hybrid vehicle, has a housing wall made of plastic, fluid line for temperature control medium, fluid line at least partially embedded in housing wall, and housing wall comprises outer layer and inner layer
CN120620710	(BRKM) BRUECKNER MASCHBAU [DE]	Stretching unit for use in film production system, has heat collectors located in exhaust air duct with interstice between adjacent heat collectors, and interstices opened towards condensate collector, where heat conductors are connected thermally to heat collectors
WO2025188873	(AURI) AURIGA POLYMERS INC [US]	Copolyester used for manufacturing extrusion blow molded container E.G. bottle and bag, comprises copolyester comprising diacid component comprising dicarboxylic acid residues, glycol component comprising glycol residues and branching comonomer, and recycled polyethylene terephthalate
WO2025181005	(SCMI) SACMI IMOLA SC [IT]	Neck finish of assembly for bottle container for liquids or for bottle or container preform for making neck finish, has thread that starts from thread starting section which is arranged below horizontal parting line, where external threaded portion is strictly less than specific degree
WO2025188309	(EQCH) EQUICSTAR CHEM LP [US]	Multilayer bottle for packaging E.G. food products, has first layer comprising low polarity polymer, second layer comprising high polarity polymer, and tie layer arranged between layers, where high polarity polymer comprises polar monomer
CN120533929	(AIRL) AIR LIQUIDE [FR]; (COVE) COVESS NV [BE]	Method for producing a fibre composite tank for containing a pressurized fluid and to a new fibre composite tank, involves expanding metal boss by warming metal boss to positive temperature, where outer radial surface of metal boss is in sealing contact with inner radial surface
WO2025162799	(SIDL) SIDEL PARTICIPATIONS [FR]	Blow molding machine for forming plastic containers from preforms, has first high-pressure section and second low-pressure section, where second section comprising evaporator for low-pressure evaporation of at least one component of solution
DE102024102178	(SALZ) KHS GMBH [DE]	Method for operating container treatment plant E.G. filling plant in which containers E.G. beverage bottles are filled with product E.G. beverage, in food industry, involves introducing sterilization operation sterilization fluid into housing

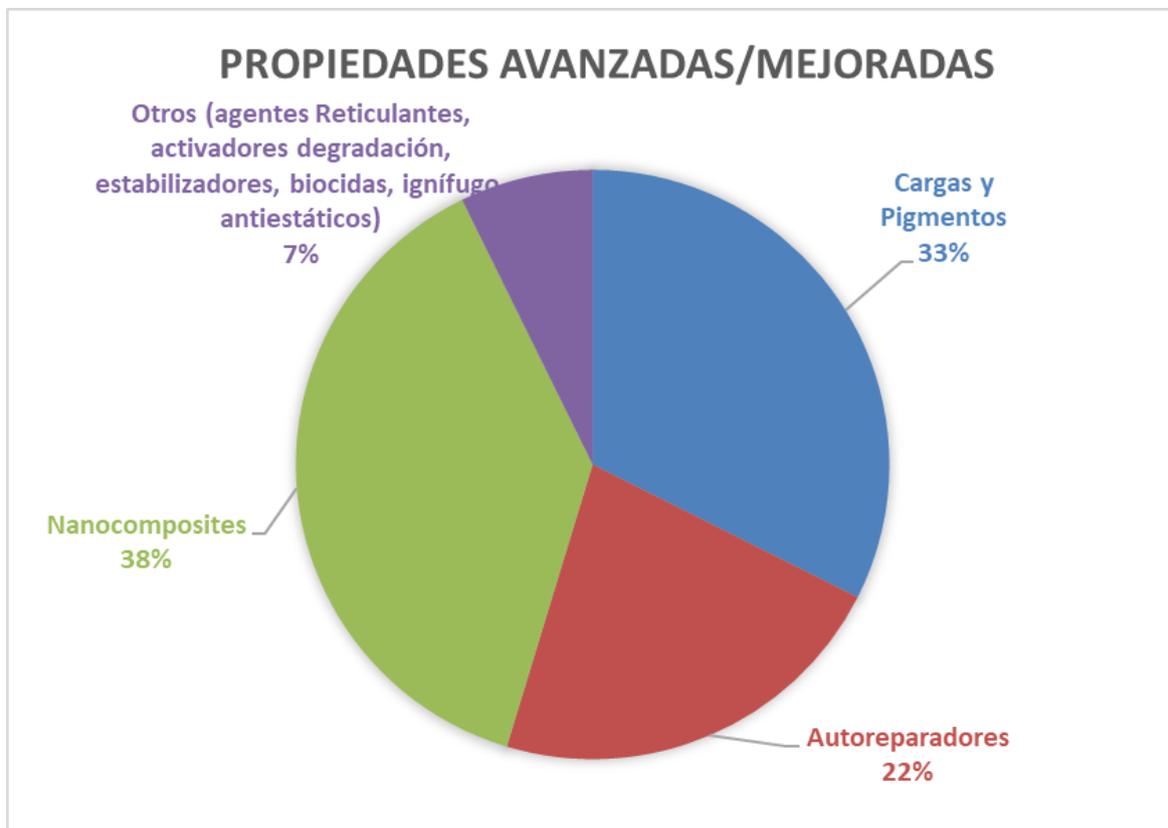
Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
CN120533924	(SIDL) SIDEL PARTICIPATIONS [FR]	Method for diagnosing forming fluid leak in station for forming hollow bodies made of thermoplastic material, involves determining change in pressure of forming fluid in hollow body by carrying out series of multiple pressure measurements successively during second phase
PL447955	TECHPLAST SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA [PL]	Composite high-pressure tank and method of manufacturing it and a connecting pipe for the composite high-pressure tank
US2025282600	(AMCL) AMCOR RIGID PACKAGING USA LLC [US]	Hot-filling of container made of polymeric material with heated product, involves inverting center inversion area of base of container from as-blown configuration to inverted configuration to create positive pressure within container
DE102024107491	(BRKM) KIEFEL GMBH [DE]	Molding tool for laminating three-dimensional molded parts made of fibrous material for producing E.G. trams, has displaceable molding punch connected to first seal, where first seal is used for sealing off region of chamber, and molding punch is displaceable from remaining region of chamber
WO2025159635	(WAVI) WAVIN BV [NL]	PVC- pipe for use in irrigation system for transporting water under pressure from water source to irrigable area in E.G. agriculture application, has axially extending circumferential sections for forming part of same circumference of pipe
CN120307615	(KROE) KRONES AG [DE]	Apparatus for treating plastics material preforms with heating device such as infrared oven, by temperature detection device for forming such as plastics material bottles, has heating device for heating preforms, and image recording device for recording resolved image of preforms
DE102024101054	(KROE) KRONES AG [DE]	Apparatus for producing plastics material containers I.E. plastic material bottle, has forming device for forming plastics material preforms into plastics material containers, and first inspection device including image recording device for recording resolved image of plastics material preform
DE102024104908	(FFTP) FFT PRODUKTIONSSYSTEME GMBH & CO KG [DE]	Support component for gripping or clamping device for handling load such as vehicle portion, has fiber structure that is held on holders, where each of holders includes first opening for receiving insert portion of insert portion such that holders receive insert in opening and hold insert
US2025249636	(BROW) BROWN LLC [US]	Apparatus for supporting heating elements of thermoformer oven, has first heating element support frame for supporting heating elements on first side of surface for to-be-thermoformed supporting material, where second heating element support frame supports heating elements on first side of surface

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
EP4615671	SUBOR BORU SANAYI VE TICARET ANONIM SIRKETI [TR]	Hybrid pipe production machine
CN120352244	(BRKM) BRUECKNER MASCHBAU [DE]	Caliper unit for recording measurement data during operation of stretching system, has clamping device arranged on base body and designed to clamp material web, and guide element arranged on base body and guiding caliper unit main body on guide rail
DE102024106959	(KROE) KRONES AG [DE]	Device for use in a system for producing plastic containers for blow molding and labeling container, has preforms that are fed, in particular directly, from the feeding unit to the blow molding containers
CN120326917	(JTEK) JTEKT EUROPE SAS [FR]	Method for manufacturing blade for vehicle suspension I.E. cycle suspension, involves placing heated intermediate element in first portion of shaping mold such that first and second end points of intermediate element are spaced apart from each other
WO2025163595	(BAYE) STRAUMANN INST AG [CH]; (STRA) BAYES RYAN [US]	System for thermoforming orthodontic aligner in dental appliance manufacturing technique, has separation system that is configured to automatically remove orthodontic aligner precursor from dental model, and is configured to transport molding device from loading device to thermoforming system
EP4610021	(BINT) BRAUN MELSUNGEN AG [DE]	Method for producing container I.E. irrigation container, used to drain and wash E.G. body cavities, involves assembling cap to opening of base container, and sealing cap to base container by forming produced container

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MATERIALES CON PROPIEDADES AVANZADAS O MEJORADAS

En el siguiente gráfico se muestra la distribución de las 1.048 familias de documentos de patente recuperadas en este trimestre en el apartado de Materiales con propiedades avanzadas o mejoradas. En este trimestre, el volumen de documentos de patente a nanocomposites sobresaale seguido por cargas y pigmentos y autorreparadores.



Las siguientes tablas muestran una selección de los documentos más representativos, junto con un enlace directo a la base de datos Espacenet, el solicitante y una breve descripción de la invención.

Cargas y Pigmentos

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025143062	(KAOS) KAO CORP [JP]	Resin composition used for adhesive, comprises modified cellulose fiber, urethane-modified epoxy resin, and epoxy resin other than urethane-modified epoxy resin
WO2025143158	(ASAG) AGC INC [JP]	Fluorine-containing polymer composition used in manufacture of crosslinked rubber article, comprises fluorine-containing polymer and crosslinking agent, and has preset vulcanization time
WO2025137760	(CTKR) CTK RES & DEVELOPMENT CANADA LTD [CA]	Method for making color masterbatch E.G. home compostable used for making colorized biodegradable polymer, involves mixing colorant and amphiphilic biodegradable polymer matrix containing polyhydroxyalkanoate-polyethylene glycol to form mixture, and applying heat to melt polymer matrix
WO2025142431	(SHIE) SHINETSU CHEMICAL CO [JP]	Peroxide-crosslinked fluororubber composition used for forming rubber molded product, comprises perfluoropolyether-based fluororubber mixture and organopolysiloxane in preset volume ratio
WO2025142671	(AJIN) AJINOMOTO KK [JP]	New aromatic oxycarbonyl compound used for epoxy resin curing agent for producing resin composition for resin sheet, prepreg and cured product E.G. insulating layer of circuit board for semiconductor chip package E.G. fan-out type package for semiconductor device
JP2025106759	(SUMO) SUMITOMO CHEMICAL CO [JP]	Curable composition cured film used in display device E.G. liquid crystal display device, organic electroluminescent display device and inorganic display device as color conversion layer, comprises semiconductor particles and resin, and cured film has preset Martens hardness
JP2025110656	(SHIE) SHINETSU CHEMICAL CO [JP]	Thermally conductive addition-curable silicone composition used for forming cured product, comprises silicone compound, at least one thermally conductive filler, organohydrogenpolysiloxane, platinum group metal catalyst, and addition cure reaction inhibitors
JP2025115210	(ELED) DENKA COMPANY LTD [JP]	Thermally conductive sheet used as material for forming insulating layer in manufacture of laminate for manufacture of circuit board, comprises epoxy resin containing bisphenol-based repeating unit, and thermally conductive filler

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025163932	(SHOW) RESONAC CORP [JP]	Resin film used as encapsulant for semiconductor packages, and for forming insulating layer of printed wiring board, comprises resin composition containing curable resin, elastomer containing reactive group, and inorganic filler
WO2025164751	(SEKI) SEKISUI CHEMICAL CO LTD [JP]	Polyorganosiloxane for resin composition, has structural compound, and specific number-average molecular weight and specific ratio of number-average molecular weight to average number of A-B bonds in molecule of polyorganosiloxane
JP2025117453	(BRID) BRIDGESTONE CORP [JP]	Rubber composition for tires, comprises rubber component comprising modified conjugated diene-based polymer having functional group having affinity with filler and obtained by mass balance method, and reinforcing filler
WO2025169883	(NIOC) ENEOS MAT CORPORATION [JP]	Production of modified conjugated diene polymer used in polymer composition, involves polymerizing monomer containing conjugated diene compound in presence of alkali metal compound to obtain conjugated diene polymer, and reacting conjugated diene polymer with terminal-modifying agent
WO2025177888	(SEKI) SEKISUI CHEMICAL CO LTD [JP]	Resin composition used in pellet form used to form cores, comprises polyvinyl alcohol resin and has specific melt flow rate
WO2025177889	(SEKI) SEKISUI CHEMICAL CO LTD [JP]	Resin composition used in pellet form used to form core, comprises polyvinyl alcohol resin and organic fibers having specific melting point
WO2025177890	(SEKI) SEKISUI CHEMICAL CO LTD [JP]	Resin composition for core used to produce molded product, comprises polyvinyl alcohol resin and particulate filler having preset total surface area calculated from average particle diameter, content of particulate filler and density
WO2025182459	(TORA) TORAY INDUSTRIES [JP]	Polyphenylene sulfide resin composition used for forming molded article for waveguide antenna, comprises polyphenylene sulfide resin, fibrous filler, and non-fibrous filler
WO2025182334	(ELED) DENKA COMPANY LTD [JP]	Thermally conductive sheet for heat-generating electronic components, comprises resin and thermally conductive filler, and has specific ratio of thermal resistance measured with tightening torque
WO2025182684	THREE BOND CO LTD [JP]	Heat-dissipating resin composition and cured product thereof
WO2025182254	(ASAHI) ASAHI CHEMICAL IND [JP]	Conjugated diene-based polymer used in E.G. conjugated diene-based polymer composition for forming cross-linked product, comprises structural units derived from conjugated diene-based compound, and has preset Mooney viscosity, Mooney stress relaxation, and preset silicon and tin content

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025182559	(ASAG) AGC INC [JP]; (TORA) TORAY INDUSTRIES [JP]	Thermoplastic resin composition used for forming molded article E.G. vehicle window glass, comprises thermoplastic resin, hydroxyl group-containing (meth)acrylic resin, and inorganic filler
WO2025187619	(SHIE) SHINETSU CHEMICAL CO [JP]	Thermally conductive silicone composition used for forming cured product, contains organopolysiloxane having silicon to which aliphatic unsaturated hydrocarbon are bonded, organohydrogenpolysiloxane with silicon-bonded hydrogen atoms, organosilane, platinum group metal catalyst, and inorganic filler
WO2025187447	(NAMI) NAMICS CORP [JP]	Resin composition for forming cured product E.G. adhesive or encapsulant, comprises (meth)acrylate compound, thiol compound, thermal latent curing catalyst, and inorganic filler having specific surface area
WO2025187747	PANASONIC IP MAN CO LTD [JP]	Liquid resin composition and semiconductor device
WO2025187615	MITSUBISHI GAS CHEMICAL CO [JP]	Resin composition, cured product, prepreg, metal foil-clad laminate, resin composite sheet, printed wiring board, and semiconductor device
WO2025187757	SEKISUI CHEMICAL CO LTD [JP]	Resin composition, heat-radiating member, and electronic apparatus

Autorreparador

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
US2025223387	(NOUN) UNIV NORTHWESTERN [US]	Self-healing random copolymer used as polymerization product, comprises branched alkyl methacrylate, comonomer, where branched alkyl methacrylate is present in specific mol percent
KR102853610	RECYCLE LNC. [KR]	Self-healing type polyurea resin waterproofing membrane coating using by microcapsule

Nanocomposite

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
WO2025146412	(SABI) SABIC GLOBAL TECHNOLOGIES BV [NL]	Article E.G. injection molded article, extruded sheet, and light diffusing article E.G. light bar, light guide, LED lightbulb, LED tube and light cover for covering logo or for music box, comprises surface layer portion containing polycarbonate composition, foamed portion and non-foamed portion
WO2025151617	(REGC) UNIV LELAND STANFORD JUNIOR [US]; (STRD) UNIV CALIFORNIA [US]	Making conductive pyrolytic carbon microstructure used in microelectrode, by contacting polymeric microstructure with composition comprising carbon precursor component, and pyrolyzing microstructure to generate carbon microstructure
WO2025153587	(ANEX) ALLNEX BELGIUM SA [BE]	Reprocessible composite for E.G. wind turbine blades, comprises reinforcing material and cured resin material, where cured resin material is obtained by curing resin composition comprising mixture of epoxy compound, aliphatic, cycloaliphatic and/or aromatic polyamine compound, and acrylate monomer
WO2025160373	(RICV) UNIV RICE WILLIAM M [US]	Method for forming sample imaging chamber, involves depositing multiple layers of materials on side of three-dimensional nano-printed insert via electron beam vapor deposition, and forming polydimethylsiloxane base
WO2025163465	(OURO) OUROBIONICS BV [NL]	Fabricating complex human tissues for creating patient-specific organs and tissues for transplantation comprises providing bio-electrospraying apparatus equipped with charged electrodes, cell electro spinning apparatus equipped with nozzle tip, high voltage supply, pump to control flow rate
WO2025166070	(HONG, LIAN, LOYD, UYAZ, YEPP) UNIV ARIZONA [US]; LIANG RONGGUANG [US]; YE PIAORAN [US]; HONG ZHIHAN [US]; LOY DOUGLAS [US]	Method for three-dimensional printing of multi-component optical glass element for E.G. optics, involves E.G. printing component of multi-component optical glass element using polymeric silsesquioxane resin via two-photon polymerization and heating
WO2025172867	(ATIU) ATIU S R L [IT]	Method for heat-shrinking sleeve made of heat-shrinkable material around E.G. bottle, in packaging and sublimation printing industries, involves arranging tube around sleeve that is fitted on solid body in rapid sequence
US2025269566	(CANO) CANON KK [JP]	Resin molded product for a housing and an outer shell of an electronic apparatus I.E. digital camera, has set of convex parts distributed in predetermined area, where profile is obtained by removing height information from height information of set of parts

Nº DE PUBLICACIÓN	SOLICITANTE	CONTENIDO
US2025288115	(PROM) PROMETHIENT INC [US]	Cushioned thermal module for seat of seating system used in E.G. vehicles, has composite structure thermally coupled with conductive surface of electro-thermal conversion device, and foam structure for encasing electro-thermal conversion device and defining seat support surface

Otras propiedades

NO SE HAN RECUPERADO DOCUMENTOS PUBLICADOS EN EL PERIODO CUBIERTO POR EL PRESENTE BOLETÍN

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NOTICIAS

NUEVO INFORME 'LA OEPM EN CIFRAS'



origen en España.

Más información:

[OEPM-en-cifras-2024](#)

La Oficina Española de Patentes y Marcas ([OEPM](#)) ha publicado su informe anual “La OEPM en cifras”, que ofrece una visión global de la actividad innovadora en España. Se trata de un riguroso estudio elaborado por el servicio de estadísticas que presenta datos precisos de los distintos títulos de Propiedad Industrial solicitados y publicados en nuestro país en 2024.

Es, por tanto, un documento imprescindible para conocer la evolución de la actividad inventiva española y situarla en su contexto nacional a través de las cifras de invenciones, signos distintivos y diseños industriales con

VALIDAR LAS PATENTES EUROPEAS EN ESPAÑA ES AHORA MÁS SENCILLO.

Entre los objetivos de la [OEPM](#) se encuentra simplificar los procedimientos con el fin de mejorar y facilitar la tramitación de los diferentes títulos de Propiedad Industrial.

La Oficina Europea de Patentes ([EPO](#)) ha emitido una nueva decisión sobre la presentación de solicitudes y otros documentos que facilitará la armonización de los requisitos entre la EPO y la OEPM, permitiendo una mayor flexibilidad en la presentación de los documentos y reduciendo las barreras administrativas para los solicitantes.



La Decisión del Presidente de la EPO de fecha 25 de julio de 2025 (OJ EPO 2025, A49), en vigor desde el 1 de octubre de 2025, introduce una novedad significativa: la posibilidad de presentar dibujos en color o en escala de grises en las solicitudes europeas, siempre que se presenten por medios electrónicos.

Este cambio tendrá un impacto relevante en el proceso de validación de las Patentes Europeas en España, ya que la OEPM permitirá que los dibujos se presenten en color o en escala de grises, siempre que estos hayan sido concedidos y publicados por la Oficina Europea de Patentes.

Más información:

<https://www.oepm.es/es/invenciones/Presentar-una-solicitud/Solicitar-y-proteger-en-espana-una-patente-europea/>

XIX SEMINARIO OEPM DE LOS CURSOS DE VERANO DE LA UIMP: LA CONTRIBUCIÓN DE LA PROPIEDAD INDUSTRIAL A LAS ARTES



El arte requiere de la inspiración, del ingenio y del trabajo del artista para ser creado. Y, una vez que todo este proceso ha tenido lugar, entran en juego los derechos de Propiedad Industrial e Intelectual (PI) para dotar de una protección adecuada y efectiva a sus creaciones. Los diseños, las marcas, las patentes o los derechos de autor acreditan la titularidad de las invenciones y obras de los artistas y evitan que puedan ser reproducidas o distribuidas sin su consentimiento.

Esta simbiosis entre el mundo del arte y la PI es lo que se ha analizado en el XIX Seminario de la *OEPM* organizado en el marco de los Cursos de verano de la *Universidad Internacional Menéndez Pelayo (UIMP)*, "La Propiedad Industrial y su contribución a las Artes", inaugurado por la directora de la OEPM, Elisa Rodríguez Ortiz.

Más información

https://www.uimp.es/agenda-link.html?id_actividad=65YD&anyaca=2025-26

ÍNDICE MUNDIAL DE INNOVACIÓN 2025

La *Organización Mundial de la Propiedad Intelectual (OMPI)* ha publicado una nueva edición del Índice Mundial de Innovación (GII, por sus siglas en inglés). Este informe analiza el nivel de la innovación de 139 economías y estudia las tendencias de la innovación a nivel mundial utilizando 80 indicadores y criterios que incluyen instituciones, capital humano e infraestructura de investigación, inversión, difusión de conocimiento y resultados creativos, entre otros.



El ranking de innovación lo lidera Suiza un año más, seguida de Suecia y de EEUU, la República de Corea y Singapur, destacando la posición de China que se sitúa entre los 10 primeros.

El GII 2025 sitúa a España en el puesto 29, perdiendo una posición respecto al índice anterior, y con unos resultados acordes con su nivel de desarrollo y de ingresos. En relación a Europa, España se mantiene en la misma posición que en anteriores ediciones, ocupando el puesto 18 entre las 39 economías europeas. En el Subíndice "Resultados de Innovación" España escala hasta la posición 24.

Más información

<https://www.wipo.int/es/web/global-innovation-index>

NUEVA VERSIÓN DE LA APLICACIÓN DE CONSULTA DE EXPEDIENTES DE LA OEPM (CEO)



En línea con el compromiso de calidad y de mejora constante de sus servicios, la [OEPM](#) ha actualizado la versión de la aplicación de [Consulta de Expedientes \(CEO\)](#).

Las mejoras principales recogidas en la misma son las siguientes:

- Aplicación web Responsive (adaptada a los dispositivos móviles)
- Mejora en la arquitectura de la información
- Mejora en el lenguaje de usuario, simplificando los textos de mensajes
- Diseño amigable
- Búsqueda predictiva
- Facilidad de uso en los listados de resultados

